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## JUBEST TSQAL22-38IN

# JUBEST 38-Inch Concealed Barn Door Hardware Kit Instruction Manual

Model: TSQAL22-38IN

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your JUBEST 38-inch Concealed Barn Door Hardware Kit. This system is designed to provide a sleek, hidden sliding door solution with a soft-close mechanism for quiet and smooth operation. It is suitable for door panels weighing up to 176 lbs (80 kg) and with a thickness of 1-1/4" to 1-3/4", fitting door opening widths from 30" to 34".



Figure 1: Example of an installed JUBEST Concealed Barn Door System.



Figure 2: Key features of the JUBEST Concealed Barn Door Hardware Kit.

## 2. SETUP AND INSTALLATION

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### 2.1 Pre-installation Requirements

- **Door Panel Preparation:** The door panel requires specific L and U channels to be precisely cut for the top track and bottom roller fitting. Refer to Figure 6 for groove dimensions.
- **Wall Preparation:** Any existing baseboard or door frame in the installation area must be removed to ensure proper clearance and flush mounting.
- **Tools Required:** Basic woodworking tools, including a router for grooving, a drill, level, tape measure, and a miter/chop saw (if cutting tracks), are necessary for proper installation.
- **Door Specifications:**
  - Maximum Door Weight: 176 lbs (80 kg)
  - Door Thickness: 1-1/4" to 1-3/4"
  - Suitable Door Opening Width: 30" to 34"

### 2.2 Package Contents

Verify that all components listed below are present in your package:



## Package List

Door Not Included

Figure 3: Included components (Door not included).

- 1 x Top Track
- 1 x Top Roller
- 2 x Soft Close Mechanisms
- 2 x End Caps
- 2 x Bottom Rollers
- 1 x Bottom Track
- 1 x Floor Guide
- Necessary Screws and Wrench

### 2.3 Installation Steps (Overview)

1. **Prepare the Door Panel:** Cut the required L and U channels into the top and bottom edges of your door panel according to the dimensions provided in Figure 6. This step is critical for the hardware to fit correctly and for the door to slide smoothly.
2. **Install Top Track and Rollers:** Secure the top track to the wall above the door opening. Attach the top roller and soft close mechanisms to the top edge of the door panel, ensuring the anti-jump device is correctly positioned.

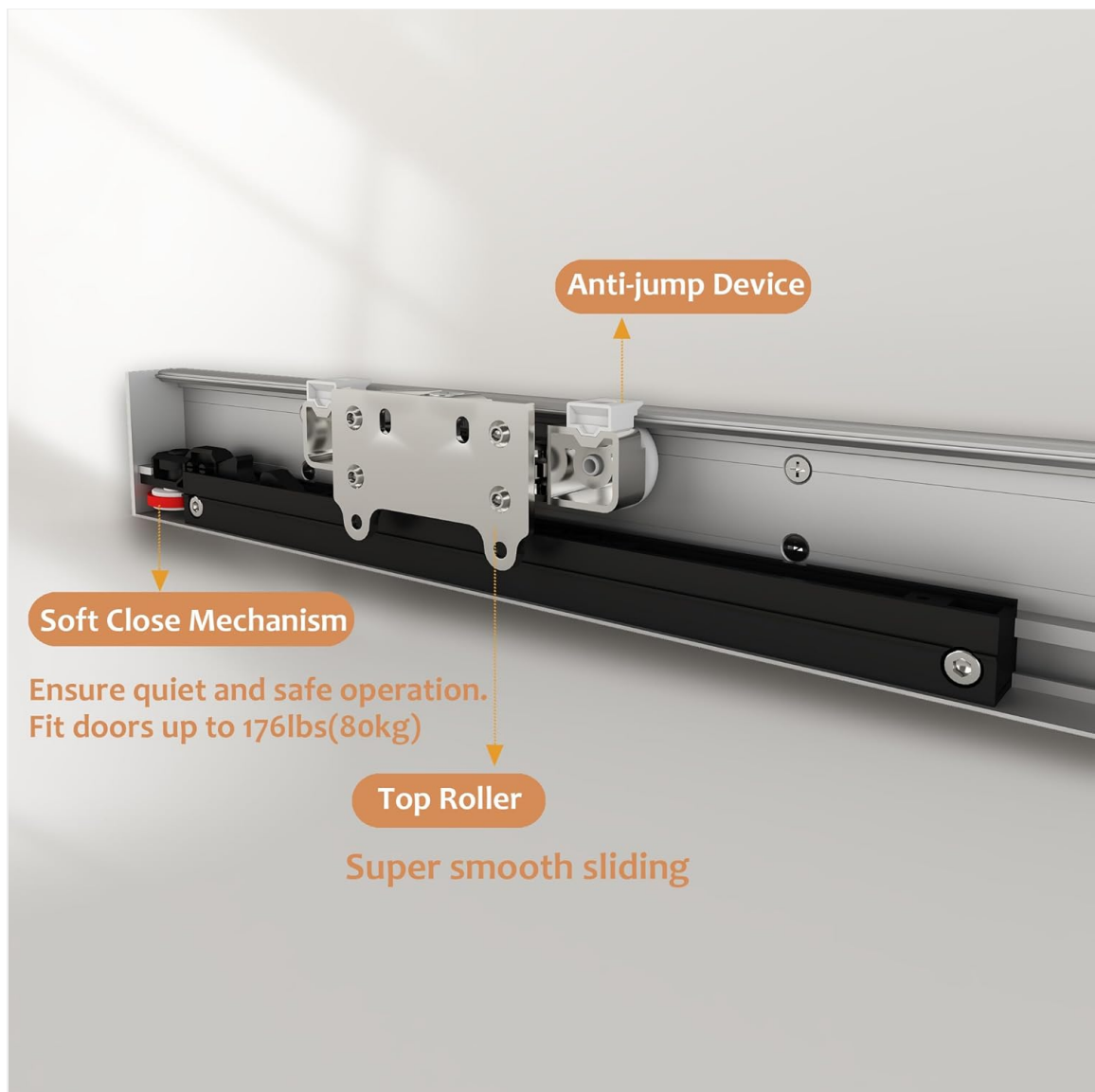


Figure 4: Top track components including soft close mechanism, anti-jump device, and top roller.

- 3. Install Bottom Track and Rollers:** Insert the bottom rollers into the U-channel groove on the bottom edge of the door. Secure the bottom track to the floor, aligning it with the door's path.



Figure 5: Bottom wheel installation and door grooving requirement.

4. **Mount the Door:** Carefully lift and place the door onto the installed tracks, ensuring both top and bottom rollers engage correctly.
5. **Install Floor Guide:** Position and secure the floor guide to prevent the door from swinging.
6. **Adjust and Test:** Make any necessary adjustments to ensure smooth operation and proper engagement of the soft-close mechanisms.

## 2.4 Door Grooving and Dimensions

Accurate grooving of the door panel is essential for the proper function and concealed appearance of the hardware. Refer to the diagram below for critical dimensions.



Figure 6: Required L-groove dimensions for the top of the door and overall door thickness.

### 3. OPERATING INSTRUCTIONS

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The JUBEST Concealed Barn Door Hardware Kit is designed for smooth and quiet operation. To operate the door, simply push or pull the door panel along its track. The integrated soft-close mechanisms will engage automatically as the door approaches its fully open or fully closed position, gently slowing it down to prevent abrupt stops or slamming. This ensures a quiet user experience and extends the lifespan of the hardware.

### 4. MAINTENANCE

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Regular maintenance helps ensure the longevity and smooth operation of your concealed barn door hardware.

- **Cleaning:** Periodically wipe down the tracks and rollers with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** If the door's movement becomes stiff, apply a small amount of silicone-based lubricant to the rollers and inside the tracks. Do not use oil-based lubricants, as they can attract dust.
- **Inspection:** Annually inspect all screws and fasteners to ensure they remain tight. Check the rollers and soft-close mechanisms for any signs of wear or damage. Replace any worn components as

necessary.

- **Door Groove:** Ensure the L and U channels cut into the door remain clear of obstructions.

## 5. TROUBLESHOOTING

If you encounter issues with your JUBEST Concealed Barn Door Hardware Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Door does not slide smoothly or is stiff.	Debris in tracks, dry rollers, misaligned tracks.	Clean tracks and rollers. Apply silicone lubricant to rollers. Check track alignment with a level.
Door does not fully open or close.	Bottom track or floor guide obstruction, incorrect door groove.	Ensure the bottom track and floor guide are installed correctly and do not impede the full travel of the door. Verify the door's milled groove for the bottom rollers is adequate and clear.
Door feels unstable or off-track.	Loose fasteners, improper installation of anti-jump device.	Re-check all mounting screws for tightness. Ensure the top and bottom tracks are securely fastened and level. Verify the anti-jump device is correctly installed and engaged.
Soft-close mechanism not engaging.	Misaligned soft-close unit, door weight exceeds limit.	Inspect the soft-close units for proper alignment and function. Ensure the door weight is within the specified limit of 176 lbs (80 kg).

## 6. SPECIFICATIONS

Feature	Detail
Brand	JUBEST
Model Number	TSQAL22-38IN
Color	Sliver
Material	Aluminum
Style	Modern
Assembly Required	Yes
Item Weight	4.89 pounds
Product Dimensions	48 x 7 x 4 inches (Packaging)
Top Track Length	37.75 inches

Feature	Detail
Bottom Track Length	33.42 inches
Max Door Weight	176 lbs (80 kg)
Door Thickness Compatibility	1-1/4" to 1-3/4"
Door Opening Width Compatibility	30" to 34"
Included Components	Top track, Top roller, Soft close mechanisms, End caps, Bottom rollers, Bottom track, Floor guide, Screws, Wrench

## 7. WARRANTY AND SUPPORT

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JUBEST is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, we stand by the quality of our concealed barn door hardware kit.

For any questions, concerns, or assistance with installation or troubleshooting, please contact JUBEST customer support. Our professional engineer and customer service teams are dedicated to helping you resolve any issues in a timely manner.

Please refer to the product packaging or the official JUBEST website for the most current contact information.